

The following statistics were derived from reports of polluting spills received at U.S. Coast Guard Headquarters from Coast Guard field units. They include only oil spills.

1 9 6 9

SOURCE OF SPILLS

SOURCE	NUMBER OF SPILLS AMT. KNOWN	VOLUME OF SPILLS AMT KNOWN	NUMBER OF SPILLS AMT UNKNOWN	TOTAL NUMBER OF SPILLS	EST TOTAL VOLUME
TANKSHIP	71	232,771	82	153	299,799
TANKBARGES	125	38,083	65	190	51,302
MARINE FACILITIES	75	222,721	86	161	284,286
OTHER SOURCES	193	141,599	376	569	500,502
TOTAL	464	635,174	609	1073	1,135,889

TANKSHIP SPILLS

CAUSE	NUMBER OF SPILLS AMT. KNOWN	VOLUME OF SPILLS AMT KNOWN	NUMBER OF SPILLS AMT UNKNOWN	TOTAL NUMBER OF SPILLS	EST TOTAL VOLUME
OTHER	2	65	5	7	228
PUMPING BILGES	1	2	4	5	10
OTHER INTENTIONAL DISCHARGE	-	-	1	1	-
TANK OVERFLOW DUE TO INADEQUATE SOUNDINGS	-	-	2	-	-
TANK OVERFLOW DUE TO EXCESSIVE PUMPING RATE WHILE TOPPING OFF	4	84	1	5	105
COMBINATION OF 4 AND 5	9	38	2	11	46
TANK OVERFLOW DUE TO VESSELS LIST OR TRIM	5	15	3	8	24
OVERFLOW OF SETTLING POND OR TANK	2	10	-	2	10
DIKE OR DAM RUPTURE	-	-	-	-	-
IMPROPER VALVE SETTING- SCUPPERS NOT PLUGGED	3	21	13	16	112
VALVE FAILURE	4	76	8	12	228
PUMP FAILURE	1	1	1	2	2

TANKSHIP SPILLS (contd.)

CAUSE	NUMBER OF SPILLS AMT. KNOWN	VOLUME OF SPILLS AMT KNOWN	NUMBER OF SPILLS AMT UNKNOWN	TOTAL NUMBER OF SPILLS	EST TOTAL VOLUME
NO ADEQUATE DRIP PANS	2	10	-	2	10
HOSE CONNECTED TO THE WRONG PLACE	-	-	-	-	-
HOSE CONNECTIONS IMPROPERLY TIGHTENED	1	2	-	-	2
OTHER IMPROPER HOSE HANDLING	1	1	3	4	4
HOSE OR CONNECTION RUPTURE DUE TO WAKE	-	-	1	1	-
OTHER HOSE OR CONNECTION RUPTURE/LEAK	6	27	2	8	36
UNDERWATER, UNDERGROUND TANK RUPTURE/LEAK	8	25	5	13	40
OTHER TANK RUPTURE NON-COLLISION	-	-	3	3	-
UNDERWATER, UNDERGROUND PIPE LEAK/RUPTURE NOT COLLISION ORIENTED	-	-	-	-	-
OTHER PIPE RUPTURE/LEAK NOT COLLISION CAUSED	3	14	3	6	28
COLLISION WITH VESSEL	1	25	-	1	25
COLLISION WITH DOCK	2	500	-	2	500
GROUNDING	2	19000	7	9	85,500
COLLISION WITH UNDERWATER PIPELINE	-	-	-	-	-
COLLISION WITH OTHER UNDERWATER OBJECT	4	2830	-	4	2830
COLLISION WITH OTHER OFFSHORE STRUCTURE	-	-	-	-	-
COLLISION WITH BRIDGE	-	-	-	-	-
COLLISION WITH CANAL WALL	-	-	-	-	-
OTHER COLLISION	-	-	-	-	-
CAPSIZING, LEAKING, OR SINKING	1	210,000	-	1	210,000
OTHER HULL RUPTURE/LEAK	-	-	-	-	-
NATURAL SEEPAGE THROUGH FLOOR OF SEA, LAKE, ETC.	-	-	-	-	-
CAUSE UNKNOWN	9	25	13	22	59
TOTALS	71	232,771	82	153	299,799

TANKBARGE SPILLS

CAUSE	NUMBER OF SPILLS AMT. KNOWN	VOLUME OF SPILLS AMT KNOWN	NUMBER OF SPILLS AMT UNKNOWN	TOTAL NUMBER OF SPILLS	EST TOTAL VOLUME
OTHER	3	34	9	12	136
PUMPING BILGES	-	-	-	-	-
OTHER INTENTIONAL DISCHARGE	1	8	1	2	16
TANK OVERFLOW DUE TO INADEQUATE SOUNDINGS	1	500	1	2	1,000
TANK OVERFLOW DUE TO EXCESSIVE PUMPING RATE WHILE TOPPING OFF	5	70	3	3	112
COMBINATION OF 4 AND 5	2	15	-	2	15
TANK OVERFLOW DUE TO VESSELS LIST OR TRIM	3	25	3	6	50
OVERFLOW OF SETTLING POND OR TANK	3	24	-	3	24
DIKE OR DAM RUPTURE	-	-	-	-	-
IMPROPER VALVE SETTING- SCUPPERS NOT PLUGGED	7	171	4	11	264
VALVE FAILURE	6	238	3	9	360
PUMP FAILURE	1	3	-	1	3
NO ADEQUATE DRIP PANS	3	3	2	5	5
HOSE CONNECTED TO THE WRONG PLACE	-	-	-	-	-
HOSE CONNECTIONS IMPROPERLY TIGHTENED	-	-	2	2	-
OTHER IMPROPER HOSE HANDLING	3	252	3	6	504
HOSE OR CONNECTION RUPTURE DUE TO WAKE	2	25	-	2	25
OTHER HOSE OR CONNECTION RUPTURE/LEAK	6	16	3	9	23

TANKBARGE SPILLS (contd.)

CAUSE	NUMBER OF SPILLS AMT. KNOWN	VOLUME OF SPILLS AMT KNOWN	NUMBER OF SPILLS AMT UNKNOWN	TOTAL NUMBER OF SPILLS	EST TOTAL VOLUME
UNDERWATER, UNDERGROUND TANK RUPTURE- NON-COLLISION	35	857	16	51	1,250
OTHER TANK RUPTURE NON- COLLISION	7	545	2	9	702
UNDERWATER, UNDERGROUND PIPE LEAK/RUPTURE NOT COLLISION ORIENTED	-	-	-	-	-
OTHER PIPE RUPTURE/LEAK NOT COLLISION CAUSED	-	-	-	-	-
COLLISION WITH VESSEL	8	16,451	3	11	22,616
COLLISION WITH DOCK	1	100	-	1	100
GROUNDING	6	5,670	2	8	7,560
COLLISION WITH UNDERWATER PIPELINE	-	-	-	-	-
COLLISION WITH OTHER UNDERWATER OBJECT	3	163	-	3	163
COLLISION WITH OTHER OFFSHORE STRUCTURE	-	-	-	-	-
COLLISION WITH BRIDGE	6	9,975	1	7	11,645
COLLISION WITH CANAL WALL	1	1000	1	2	2000
OTHER COLLISION	-	-	-	-	-
CAPSIZING, LEAKING, OR SINKING	1	200	-	1	200
OTHER HULL RUPTURE/LEAK	-	-	-	-	-
NATURAL SEEPAGE THROUGH FLOOR OF SEA, LAKE, ETC.	-	-	-	-	-
CAUSE UNKNOWN	11	1,738	5	16	2528
TOTALS	125	38,083	65	190	51,302

MARINE FACILITY SPILLS

Includes non-tank vessels, offshore facilities, and onshore structures other marine facilities.

CAUSE	NUMBER OF SPILLS AMT. KNOWN	VOLUME OF SPILLS AMT KNOWN	NUMBER OF SPILLS AMT UNKNOWN	TOTAL NUMBER OF SPILLS	EST TOTAL VOLUME
OTHER	8	39	12	20	100
PUMPING BILGES	-	-	-	-	-
OTHER INTENTIONAL DISCHARGE	-	-	-	-	-
TANK OVERFLOW DUE TO INADEQUATE SOUNDINGS	-	-	-	-	-
TANK OVERFLOW DUE TO EXCESSIVE PUMPING RATE WHILE TOPPING OFF	-	-	1	1	-
COMBINATION OF 4 AND 5	1	1	-	1	1
TANK OVERFLOW DUE TO VESSELS LIST OR TRIM	-	-	-	-	-
OVERFLOW OF SETTLING POND OR TANK	3	322	3	6	644
DIKE OR DAM RUPTURE	1	2000	1	2	4000
IMPROPER VALVE SETTING-SCUPPERS NOT PLUGGED	5	382	2	7	535
VALVE FAILURE	4	31	4	8	62
PUMP FAILURE	1	1	4	5	5
NO ADEQUATE DRIP PANS	-	-	1	1	-
HOSE CONNECTED TO THE WRONG PLACE	-	-	-	-	-
HOSE CONNECTIONS IMPROPERLY TIGHTENED	5	1507	3	8	2410
OTHER IMPROPER HOSE HANDLING	4	9	4	8	18
HOSE OR CONNECTION RUPTURE DUE TO WAKE	2	2	-	2	2
OTHER HOSE OR CONNECTION RUPTURE/LEAK	7	135	4	11	211

MARINE FACILITY SPILLS (contd.)

CAUSE	NUMBER OF SPILLS AMT. KNOWN	VOLUME OF SPILLS AMT KNOWN	NUMBER OF SPILLS AMT UNKNOWN	TOTAL NUMBER OF SPILLS	EST TOTAL VOLUME
UNDERWATER, UNDERGROUND TANK RUPTURE- NON-COLLISION	4	218056	1	5	272570
OTHER TANK RUPTURE NON- COLLISION	3	61	1	4	81
UNDERWATER, UNDERGROUND PIPE LEAK/RUPTURE NOT COLLISION ORIENTED	10	1600	9	19	3040
OTHER PIPE RUPTURE/LEAK NOT COLLISION CAUSED	-	-	-	-	-
COLLISION WITH VESSEL	-	-	-	-	-
COLLISION WITH DOCK	-	-	-	-	-
GROUNDING	-	-	-	-	-
COLLISION WITH UNDERWATER PIPELINE	-	-	-	-	-
COLLISION WITH OTHER UNDERWATER OBJECT	-	-	-	-	-
COLLISION WITH OTHER OFFSHORE STRUCTURE	-	-	-	-	-
COLLISION WITH BRIDGE	-	-	-	-	-
COLLISION WITH CANAL WALL	-	-	-	-	-
OTHER COLLISION	-	-	-	-	-
CAPSIZING, LEAKING, OR SINKING	-	-	-	-	-
OTHER HULL RUPTURE/LEAK	-	-	-	-	-
NATURAL SEEPAGE THROUGH FLOOR OF SEA, LAKE, ETC.	-	-	-	-	-
CAUSE UNKNOWN	16	190	35	51	607
TOTALS	75	222,721	86	161	284,286

OTHER SPILLS

Includes non-tank vessels, offshore facilities, and onshore structures other marine facilities.

CAUSE	NUMBER OF SPILLS AMT. KNOWN	VOLUME OF SPILLS AMT KNOWN	NUMBER OF SPILLS AMT UNKNOWN	TOTAL NUMBER OF SPILLS	EST TOTAL VOLUME
OTHER	39	89834	109	148	340893
PUMPING BILGES	12	77	25	37	237
OTHER INTENTIONAL DISCHARGE	-	-	-	-	-
TANK OVERFLOW DUE TO INADEQUATE SOUNDINGS	2	10	2	4	20
TANK OVERFLOW DUE TO EXCESSIVE PUMPING RATE WHILE TOPPING OFF	3	12	2	5	20
COMBINATION OF 4 AND 5	7	91	2	9	117
TANK OVERFLOW DUE TO VESSELS LIST OR TRIM	-	-	4	4	-
OVERFLOW OF SETTLING POND OR TANK	8	3,318	1	9	3,731
DIKE OR DAM RUPTURE	-	-	1	1	-
IMPROPER VALVE SETTING- SCUPPERS NOT PLUGGED	3	17	2	5	30
VALVE FAILURE	2	36,410	5	7	126,435
PUMP FAILURE	2	1,400	4	6	4,200
NO ADEQUATE DRIP PANS	2	2	-	2	2
HOSE CONNECTED TO THE WRONG PLACE	1	1	-	1	1
HOSE CONNECTIONS IMPROPERLY TIGHTENED	2	2	1	3	3
OTHER IMPROPER HOSE HANDLING	1	1	2	3	3
HOSE OR CONNECTION RUPTURE DUE TO WAKE	-	-	-	-	-
OTHER HOSE OR CONNECTION RUPTURE/LEAK	3	45	3	6	90

OTHER SPILLS (contd.)

CAUSE	NUMBER OF SPILLS AMT. KNOWN	VOLUME OF SPILLS AMT KNOWN	NUMBER OF SPILLS AMT UNKNOWN	TOTAL NUMBER OF SPILLS	EST TOTAL VOLUME
UNDERWATER, UNDERGROUND TANK RUPTURE- NON-COLLISION	3	2,202	6	9	6,606
OTHER TANK RUPTURE NON- COLLISION	-	-	-	-	-
UNDERWATER, UNDERGROUND PIPE LEAK/RUPTURE NOT COLLISION ORIENTED	3	24	3	6	48
OTHER PIPE RUPTURE/LEAK NOT COLLISION CAUSED	14	5,172	10	24	8,866
COLLISION WITH VESSEL	-	-	-	-	-
COLLISION WITH DOCK	-	-	-	-	-
GROUNDING	-	-	-	-	-
COLLISION WITH UNDERWATER PIPELINE	-	-	-	-	-
COLLISION WITH OTHER UNDERWATER OBJECT	-	-	-	-	-
COLLISION WITH OTHER OFFSHORE STRUCTURE	-	-	-	-	-
COLLISION WITH BRIDGE	-	-	-	-	-
COLLISION WITH CANAL WALL	-	-	-	-	-
OTHER COLLISION	1	30	-	1	30
CAPSIZEING, LEAKING, OR SINKING	-	-	-	-	-
OTHER HULL RUPTURE/LEAK	-	-	-	-	-
NATURAL SEEPAGE THROUGH FLOOR OF SEA, LAKE, ETC.	-	-	-	-	-
CAUSE UNKNOWN	85	2,951	179	264	9,161
TOTALS	193	141,599	376	569	500,502

1970

LOCATION

	NUMBER	% OF TOTAL	VOLUME (GALS)	% OF TOTAL
ATLANTIC COAST	886	23.9	5,108,051	33.5
GULF COAST	1,766	47.6	4,797,350	31.5
PACIFIC COAST	717	19.3	429,515	2.8
GREAT LAKES	216	5.8	4,093,452	26.8
INLAND U.S.	126	.4	824,624	5.4
TOTAL	3,711	100.0	15,252,992	100.0

WATERBODY TYPE

	NUMBER	% OF TOTAL	VOLUME (GALS)	% OF TOTAL
INLAND WATERS				
ROADSTEADS	101	2.7	301,747	2.0
TERMINALS AND DOCKS	21	.6	307,494	2.0
CHANNELS	5	.1	36,521	.2
RIVER AREAS	47	1.3	911,090	6.0
COASTAL WATERS				
BAY, ESTUARY, & SOUNDS	383	10.3	635,155	4.2
PORTS	650	17.5	3,970,746	26.0
TERMINALS AND DOCKS	705	19.0	846,804	5.6
BEACHES	218	5.9	41,555	.3
CHANNELS	828	22.3	4,062,586	26.6
CONTIGUOUS ZONE	349	9.4	3,141,411	20.6
HIGH SEAS	404	10.9	997,883	6.5
TOTAL	3,711	100.0	15,252,992	100.0

TYPE OF MATERIAL

	NUMBER	% OF TOTAL	VOLUME (GALS)	% OF TOTAL
HEAVY CRUDE OIL	582	15.4	38,595	.3
LIGHT CRUDE OIL	470	12.4	3,922,747	25.7
DISTILLATE OIL	360	9.5	2,699,855	17.7
RESIDUAL OIL	1,910	50.7	5,122,139	33.6
LUBE OIL	8	1.0	10,107	.1
OTHER OIL	65	1.8	3,283,628	21.5
HAZARDOUS MATERIALS	68	1.8	6,462	0.0
OTHER CHEMICAL WASTE	44	1.2	22,082	.1
ANY GAS OR VAPOR	15	.4	26,790	.21
OTHER WASTE	249	6.7	20,587	.8
TOTAL	3,771	100.0	15,252,992	100.0

SOURCE

	NUMBER	% OF TOTAL	VOLUME (GALS)	% OF TOTAL
DRY CARGO SHIPS	164	4.4	10,157	.1
TANKSHIPS	247	6.7	213,650	1.4
TANKBARGES	381	10.3	1,652,372	10.8
PUBLIC VESSELS	114	3.1	20,309	.1
OTHER VESSELS	311	8.4	247,069	1.6
LAND VEHICLES	25	.7	32,306	.2
REFINERIES	52	1.4	33,138	.2
BULK STORAGE FACILITIES	57	1.5	4,334,942	28.4
OTHER WATERFRONT TRANSPORTATION FAC.	20	.5	114,820	.8
OTHER ONSHORE FAC.	305	8.2	1,023,635	6.7
OFFSHORE FACILITIES	882	23.8	3,906,812	25.6
MISCELLANEOUS SOURCES	23	.6	217	0.0
UNKNOWN SOURCES	1,130	23.0	131,697	24.9
TOTAL	3,711	100.0	15,252,992	100.0

CAUSE

	NUMBER	% OF TOTAL	VOLUME (GALS)	% OF TOTAL
COLLISION	29	.7	743,992	5.0
TANK OVERFLOW	61	1.6	51,424	.3
GROUNDING	26	.7	305,195	2.0
CAPSIZING	27	.7	137,560	.9
MISC. PERSONNEL ERROR	529	14.2	1,603,486	10.8
VALVE FAILURE	53	1.4	104,371	.7
PUMP FAILURE	63	1.6	103,956	.7
HOSE RUPTURE OR LEAK	61	1.6	35,531	.2
PIPE RUPTURE OR LEAK	109	2.9	4,109,949	27.6
AUTO SHUTDOWN FAILURE	1	.01	16,590	.1
VESSEL TANK RUPTURE	63	1.6	68,120	.5
STORAGE TANK RUPTURE	27	.7	3,550,274	23.8
MINOR HULL DAMAGE	46	.5	60,897	.4
FIRE AND EXPLOSION	16	.02	3,536,410	23.7
MISCELLANEOUS CAUSES	1,136	31.0	188,420	.1
UNKNOWN CAUSES	1,465	39.4	636,817	3.0
TOTAL	3,711	100.0	15,252,992	100.0

MONTH

	NUMBER	% OF TOTAL	VOLUME (GALS)	% OF TOTAL
JANUARY	127	3.4	531,617	7.5
FEBRUARY	159	4.3	1,496,782	9.8
MARCH	176	4.7	280,367	1.8
APRIL	167	4.5	169,607	1.1
MAY	176	4.7	673,283	4.4
JUNE	200	5.4	799,842	5.2
JULY	211	5.7	165,273	1.1
AUGUST	219	5.9	247,255	1.6
SEPTEMBER	484	13.0	133,368	.9
OCTOBER	569	15.3	250,772	1.6
NOVEMBER	562	15.1	7,397,675	48.5
DECEMBER	661	17.8	3,107,151	19.4
TOTAL	3,711	100.0	15,252,992	100.0

1971

LOCATION

	NUMBER	% OF TOTAL	VOLUME (GALS)	% OF TOTAL
ATLANTIC COAST	2,145	24.6	1,703,719	19.3
GULF COAST	3,974	45.5	1,070,226	12.1
PACIFIC COAST	1,609	18.4	2,178,621	24.6
GREAT LAKES	377	4.3	2,477,050	28.0
INLAND U.S.	631	7.2	1,409,867	16.0
TOTAL	8,736	100.0	8,839,523	100.0

WATERBODY TYPE

	NUMBER	% OF TOTAL	VOLUME (GALS)	% OF TOTAL
INLAND WATERS				
ROADSTEADS	99	1.1	14,447	0.2
PORTS	63	0.7	179,194	2.0
TERMINALS AND DOCKS	141	1.6	80,306	0.9
BEACHES	7	0.1	39,952	0.5
RIVER AREAS	252	2.9	704,245	8.0
NON-NAVIGABLE AREAS	69	0.8	391,723	4.4
COASTAL WATERS				
BAY, ESTUARY, & SOUNDS	2,933	33.6	2,113,067	23.9
PORTS	1,452	16.6	808,294	9.1
TERMINALS AND DOCKS	869	10.0	470,958	5.3
BEACHES	93	1.1	17,293	0.2
CHANNELS & CANALS	869	10.0	491,352	5.6
RIVER AREAS	938	10.7	640,930	7.3
NON-NAVIGABLE AREA	47	0.5	2,178,365	24.6
OPEN WATERS	315	3.6	37,699	0.4
CONTIGUOUS ZONE	396	4.5	651,177	7.4
HIGH SEAS	193	2.2	20,484	0.2
TOTAL	8,736	100.0	8,839,523	100.0

TYPE OF MATERIAL

	NUMBER	% OF TOTAL	VOLUME (GALS)	% OF TOTAL
HEAVY CRUDE OIL	1,603	18.4	2,934,181	33.2
LIGHT CRUDE OIL	4,320	49.5	2,822,463	31.9
LUBRICATING OIL	168	1.9	22,365	0.3
ANIMAL OR VEGETABLE OIL	39	0.4	18,957	0.2
WASTE OIL	930	10.6	164,352	1.9
OTHER OIL	462	5.3	2,673,077	30.2
SEWAGE	24	0.3	2,509	0.0
REFUSE AND GARBAGE	56	0.6	336	0.0
DREDGE SPOIL	15	0.2	168	0.0
OTHER MATERIAL	1,119	12.2	201,115	2.2
TOTAL	8,736	100.0	8,839,523	100.0

SOURCE

	NUMBER	% OF TOTAL	VOLUME (GALS)	% OF TOTAL
DRY CARGO SHIPS	271	3.1	418,206	4.7
TANKSHIPS	386	4.4	1,665,264	18.8
TANKBARGES	828	9.5	1,197,819	13.6
COMBATANT VESSELS	261	3.0	440,849	5.0
OTHER VESSELS	388	4.4	180,127	2.0
LAND VEHICLES	77	0.9	101,225	1.2
REFINERIES	188	2.2	2,206,781	25.0
BULK STORAGE FACILITIES	296	3.4	446,567	5.1
WATERFRONT TRANS.	382	4.4	613,970	6.9
NON-TRANSPORTATION	450	5.1	435,978	4.9
OTHER LAND TRANS.	22	0.3	159,961	1.8
OFFSHORE FACILITIES	2,595	29.7	662,203	7.5
MISCELLANEOUS	239	2.7	61,038	0.7
UNKNOWN	2,353	26.9	249,535	2.8
TOTAL	8,736	100.0	8,839,523	100.0

CAUSE

	NUMBER	% OF TOTAL	VOLUME (GALS)	% OF TOTAL
COLLISION	62	0.7	1,455,900	16.5
TANK OVERFLOW	253	2.9	100,787	1.1
GROUNDING	54	0.6	898,039	10.1
CAPSIZING	21	0.2	32,575	0.4
FIRE & EXPLOSION	9	0.1	398,400	4.5
OTHER CASUALTY	68	0.8	260,805	2.9
TANK RUPTURE	70	0.8	2,081,443	23.5
STRUCTURAL FAILURE	26	0.3	7,620	0.1
STORAGE TANK RUPTURE	123	1.4	146,815	1.7
HOSE RUPTURE	110	1.2	50,347	0.6
LINE LEAK	1,529	17.5	562,896	6.4
PIPE RUPTURE OR LEAK	588	6.7	674,506	7.6
OTHER RUPTURE OR LEAK	311	3.6	191,440	2.2
VALVE FAILURE	461	5.3	141,578	1.6
PUMP FAILURE	207	2.4	14,142	0.2
OTHER EQUIPMENT FAILURE	279	3.2	118,329	1.3
IMPROPER HOSE CONNECTION	71	0.8	8,476	0.1
OTHER PERSONNEL FAILURE	505	5.8	926,687	10.5
INTENTIONAL DISCHARGE	359	4.1	50,652	0.6
NATURAL PHENOMENON	94	1.1	5,805	0.1
UNKNOWN	3,536	40.5	712,281	8.0
TOTAL	8,736	100.0	8,839,523	100.0

MONTH

	NUMBER	% OF TOTAL	VOLUME (GALS)	% OF TOTAL
JANUARY	655	7.5	3,785,761	42.8
FEBRUARY	660	7.5	430,745	4.9
MARCH	835	9.6	390,149	4.4
APRIL	703	8.0	371,412	4.2
MAY	711	8.1	529,295	6.0
JUNE	775	8.9	331,780	3.8
JULY	801	9.2	322,018	3.7
AUGUST	669	7.7	389,816	4.4
SEPTEMBER	794	9.1	516,076	5.8
OCTOBER	685	7.8	506,100	5.7
NOVEMBER	724	8.3	512,709	5.8
DECEMBER	724	8.3	753,662	8.5
TOTAL	8,736	100.0	8,839,523	100.0

1972

LOCATION

	NUMBER	% OF TOTAL	VOLUME (GALS)	% OF TOTAL
ATLANTIC COAST	2,395	24.1	12,698,848	67.5
GULF COAST	4,375	44.0	3,385,828	18.0
PACIFIC COAST	1,995	20.1	317,138	1.7
GREAT LAKES	484	4.9	133,147	0.7
INLAND U.S.	682	6.9	2,270,771	12.1
TOTAL	9,931	100.0	18,805,732	100.0

WATERBODY TYPE

	NUMBER	% OF TOTAL	VOLUME (GALS)	% OF TOTAL
INLAND WATERS				
ROADSTEADS	16	0.1	4,983	0.0
PORTS	37	0.3	9,044	0.1
TERMINALS AND DOCKS	164	1.6	52,402	0.3
BEACHES	3	0.0	219	0.0
RIVER AREAS	340	3.4	1,793,864	9.5
NON-NAVIGABLE AREAS	22	.2	410,259	2.2
COASTAL WATERS				
BAY, ESTUARY, & SOUNDS	2,237	22.5	368,412	2.0
PORTS	2,121	21.3	414,339	2.2
TERMINALS AND DOCKS	2,239	22.5	1,655,113	8.8
BEACHES	98	.6	78,477	0.4
CHANNELS & CANALS	656	6.6	1,136,668	6.0
RIVER AREAS	126	1.3	10,346,826	55.0
NON-NAVIGABLE AREA	65	0.6	277,840	1.5
OPEN WATERS	423	4.3	24,681	0.1
CONTIGUOUS ZONE	801	8.1	34,793	0.2
HIGH SEAS	583	5.9	2,197,812	11.7
TOTAL	9,931	100.0	18,805,732	100.0

TYPE OF MATERIAL

	NUMBER	% OF TOTAL	VOLUME (GALS)	% OF TOTAL
HEAVY CRUDE OIL	2,049	20.6	1,761,301	9.4
LIGHT CRUDE OIL	4,290	43.2	6,578,653	35.0
LUBRICATING OIL	312	3.1	23,364	0.1
ANIMAL OR VEGETABLE OIL	41	0.4	11,320	0.1
WASTE OIL	890	9.0	8,067,043	42.9
OTHER OIL	798	8.0	323,040	1.7
SEWAGE	10	0.1	515	0.0
REFUSE AND GARBAGE	46	0.5	6,301	0.0
OTHER MATERIAL	372	3.8	2,019,081	10.7
UNKNOWN	1,123	11.3	15,114	0.1
TOTAL	9,931	100.0	18,805,732	100.0

SOURCE

	NUMBER	% OF TOTAL	VOLUME (GALS)	% OF TOTAL
DRY CARGO SHIPS	402	4.0	42,771	0.2
TANKSHIPS	453	4.6	2,583,952	13.7
TANKBARGES	830	8.3	3,739,144	19.9
COMBATANT VESSELS	294	3.0	40,923	0.2
OTHER VESSELS	494	5.0	96,508	0.5
LAND VEHICLES	145	1.5	172,519	0.9
REFINERIES	185	1.8	42,027	0.2
BULK STORAGE FACILITIES	294	3.0	692,670	2.7
WATERFRONT TRANS.	478	4.8	943,264	5.0
NON-TRANSPORTATION	715	7.2	8,610,250	45.8
OTHER LAND TRANS.	68	0.7	13,331	0.1
PIPELINES	216	2.2	1,237,227	6.6
OFFSHORE FACILITIES	2,317	23.3	237,063	1.3
MISCELLANEOUS	229	2.3	75,668	0.4
UNKNOWN	2,811	28.3	278,415	1.5
TOTAL	9,931	100.0	18,805,732	100.0

CAUSE

	NUMBER	% OF TOTAL	VOLUME (GALS)	% OF TOTAL
COLLISION	111	1.1	1,455,467	7.7
GROUNDING	46	0.5	763,682	4.0
CAPSIZING	42	0.4	95,950	0.5
FIRE & EXPLOSION	33	0.3	30,738	0.2
OTHER CASUALTY	128	1.3	1,736,257	9.2
TANK RUPTURE	135	1.4	600,534	3.2
STRUCTURAL FAILURE	108	1.1	148,787	0.8
STORAGE TANK RUPTURE	129	1.3	123,981	0.6
HOSE RUPTURE	148	1.5	30,404	0.2
LINE LEAK	1,007	10.1	104,037	0.6
PIPE RUPTURE OR LEAK	368	3.7	1,632,419	8.7
OTHER RUPTURE OR LEAK	306	3.1	2,183,160	11.6
VALVE FAILURE	584	5.9	50,572	0.3
PUMP FAILURE	302	3.0	15,595	0.1
OTHER EQUIPMENT FAILURE	656	6.6	227,588	1.2
TANK OVERFLOW	640	6.5	423,050	2.2
IMPROPER VALVE HANDLING	193	2.0	416,530	2.2
IMPROPER HOSE CONNECTION	83	0.8	50,381	0.3
OTHER PERSONNEL FAILURE	371	3.7	50,355	0.3
INTENTIONAL DISCHARGE	457	4.6	68,515	0.4
NATURAL PHENOMENON	257	2.6	8,045,972	42.8
UNKNOWN	3,827	38.5	551,758	2.9
TOTAL	9,931	100.0	18,805,732	100.0

MONTH

	NUMBER	% OF TOTAL	VOLUME (GALS)	% OF TOTAL
JANUARY	756	7.6	1,708,991	9.1
FEBRUARY	762	7.7	188,819	1.0
MARCH	864	8.7	619,125	3.3
APRIL	790	8.0	4,483,740	23.8
MAY	959	9.7	165,889	0.9
JUNE	753	7.6	8,978,038	47.7
JULY	806	8.1	471,130	2.5
AUGUST	887	8.9	174,247	0.9
SEPTEMBER	866	8.7	563,968	3.0
OCTOBER	885	8.9	261,050	1.4
NOVEMBER	817	8.2	348,721	1.9
DECEMBER	786	7.9	842,014	4.5
TOTAL	9,931	100.0	18,805,732	100.0